

Project Design Phase-I Problem – Solution Fit

Date	19 September 2022
Team ID	PNT2022TMID22887
Project Name	Gas Leakage Monitoring and Alerting System for Industries
Maximum Marks	2 Marks

1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> Industrialists Engineers Safety Control Personals 	6. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none"> Network Connection Complexity in Installation 	5. AVAILABLE SOLUTIONS AS <ul style="list-style-type: none"> Upgrading to a premium network plan. Availing network connection from a reliable Service provider. 	Explore AS, differentiate
2. JOBS-TO-BE-DONE / PROBLEMS J&P <ul style="list-style-type: none"> Capability of the device to withstand in harsh environment is questionable. Due to network issue data couldn't be uploaded to the cloud at all times. 	9. PROBLEM ROOT CAUSE RC <ul style="list-style-type: none"> Quality of the material using which the device is made up of plays a vital role in the capability of the device to work in harsh environment. Location of the device installation and the network plan used by the user are the cause of Network issue. 	7. BEHAVIOUR BE <ul style="list-style-type: none"> Harsh environment is prevailing only on certain industry; thus, the frequency of the said problem is low. In such a case the customer complains multiple times to get the attention. Network issue is very common as most of the industries are located at the country side. Here the contact both the developers and the service providers 	Focus on J&P, tap into BE, understand RC